

Amendments to the Claims

Claims 1-18. (cancelled).

19. (currently amended) A method for de-migrating one or more data files stored on a source storage device storing a plurality of source data files, to a target storage device, comprising:

storing in a target storage device a plurality of target data files corresponding respectively to respective ones of a plurality of source data files stored in a source storage device;

storing in each respective target data file information identifying the corresponding source data file;

activating a de-migration procedure to copy data from the source storage device to the target storage device, after target data files have been stored for all source data files in the plurality;

receiving from a host device, ~~by~~ at the target storage device, a request specifying a data file, while the de-migration procedure is executing;

examining, in a target data file corresponding to the specified data file, selected information identifying a corresponding source data file;

retrieving requested data from the corresponding source data file; and

providing the requested data to the host device.

20. (original) The method of claim 19, wherein the source data file is stored in a file volume on the source storage device.

21. (previously presented) The method of claim 19, wherein the target data file is stored in a file volume on the target storage device.
22. (original) The method of claim 19, wherein the target storage device comprises a NAS filer.
23. (original) The method of claim 19, wherein the target storage device comprises a file server.
24. (previously presented) The method of claim 19, wherein the request is received from the host device via a network.
25. (previously presented) The method of claim 19, wherein the selected information in a respective target data file identifies a logical location of the corresponding source data file in a source file volume stored on the source storage device.
26. (previously presented) The method of claim 19, wherein the selected information in a respective target data file identifies a physical location of the corresponding source data file on the source storage device.

Claims 27-51. (cancelled).

52. (previously presented) A system for de-migrating one or more data files stored on a source storage device, to a target storage device, comprising:

a target storage device configured to store data files;

a source storage device configured to store data files;

at least one processor configured to:

store in the target storage device a plurality of target data files corresponding respectively to respective ones of a plurality of source data files stored in the source storage device;

store in each respective target data file information identifying the corresponding source data file;

activate a de-migration procedure to copy data from the source storage device to the target storage device, after target data files have been stored for all source data files in the plurality; and

wherein the target storage device is further configured to:

receive from a host device a request specifying a data file, while the de-migration procedure is executing; and

examine, in a target data file corresponding to the specified data file, selected information identifying a corresponding source data file;

wherein the at least one processor is further configured to:

retrieve requested data from the corresponding source data file; and

provide the requested data to the host device.

53. (original) The system of claim 52, wherein the source data file is stored in a file volume on the source storage device.

54. (previously presented) The system of claim 52, wherein the target data file is stored in a file volume on the target storage device.

55. (original) The system of claim 52, wherein the target storage device comprises a NAS filer.

56. (original) The system of claim 52, wherein the target storage device comprises a file server.

57. (previously presented) The system of claim 52, wherein the request is received from the host device via a network.

58. (previously presented) The system of claim 52, wherein the selected information in a respective target data file identifies a logical location of the corresponding source data file in a source file volume on the source storage device.

59. (previously presented) The system of claim 52, wherein the selected information in a target data file identifies a physical location of the corresponding source data file on the source storage system.

Claims 60-78. (cancelled).

79. (previously presented) The method of claim 19, further comprising: copying the identified source data file from the source storage device to the target storage device.

Claims 80-87. (cancelled).

88. (previously presented) The method of claim 19, comprising: activating a de-migration procedure to copy source data files from the source storage device to locations of corresponding target data files.

89. (currently amended) The method of claim 19, further comprising:
determining an amount of resources that are available to operate the de-migration procedure; and
operating the de-migration procedure, only if sufficient resources are available to operate the de-migration procedure.

~~pausing the de-migration procedure after the request is received, based at least in part on an availability of resources; and~~

~~retrieving the requested data during the pause from a selected data file.~~

90. (currently amended) A method for de-migrating one or more data files stored on a source storage device storing a plurality of source data files, to a target storage device, comprising:

storing in a target storage device a plurality of target data files corresponding respectively to respective ones of a plurality of source data files stored in a source storage device;

storing in each respective target data file information identifying the corresponding source data file;

activating a de-migration procedure to copy source data files from the source storage device to locations of the corresponding target data files in the target storage device;

receiving, ~~by at~~ the target storage device, a data processing request specifying a target data file while the de-migration procedure is executing; and

copying selected data from a source data file identified within the specified target data file to the specified target storage device, in response to the data processing request.

Claim 91. (cancelled).

92. (previously presented) The method of claim 19, further comprising:

prior to activating the de-migration procedure:

receiving by a processor, from the host device, at least one first data processing request; and

sending the at least one first data processing request to the source storage device; and

after activating the de-migration procedure:

receiving by the processor, from the host device, at least one second data processing request; and

sending the at least one second data processing request to the target storage device.

93. (previously presented) The method of claim 19, comprising:

storing in each respective target data file a respective pointer identifying the corresponding source data file.

94. (previously presented) The method of claim 93, further comprising:

examining a selected pointer stored in the target data file; and

copying the corresponding source data file from the source storage device to the target storage device, based at least on information in the selected pointer.

95. (previously presented) The method of claim 94, further comprising:

replacing the target data file with the copied source data file.

96. (previously presented) The method of claim 93, further comprising:
examining a selected pointer stored in the target data file;
determining a size of the corresponding source data file; and
copying the corresponding source data file from the source storage device to the target storage device, based at least on information in the selected pointer and on the size of the corresponding source data file.

97. (previously presented) The method of claim 96, comprising:
copying the corresponding source data file from the source storage device to the target storage device, only if the size of the corresponding source data file does not exceed a predetermined limit.

98. (previously presented) The method of claim 93, further comprising:
copying information concerning rights of users to access data from the source storage device to the target storage device.

99. (previously presented) The system of claim 52, further comprising:
a second processor configured to:
receive, from the host device, at least one data processing request, while the de-migration procedure is executing; and
send the at least one data processing request to the target storage device.

100. (previously presented) The method of claim 90, wherein:
the request is received from a host device;
the method further comprising:
retrieving requested data from the copied data; and
providing the requested data to the host device.